IN THE CLAIMS:

1. (Currently Amended) Method for checking the brake (22) of an electric motor (21), characterized in that in a measuring sequence in speed-regulated operation the brake (22) is applied for a short time and at least during this time a motor current (I_{des}, I_{act}) is measured and on the basis of the measured data obtained in this way the brake torgue (M_{Br}) of the brake (22) is determined.

2. (Currently Amended) Method according to claim 1, characterized in that the brake torque (M_{Br}) is determined on the basis of the motor currents (I_1, I_2) with the brake (22) released and applied.

3. (Currently Amended) Method according to claim 1, characterized in that the brake (22) is applied for the time of at least one motor revolution.

4. (Original) Method according to claim 1, characterized in that brake application is repeated in a measuring sequence.

5. (Currently Amended) Method according to claim 1, characterized in that there is a reversal of the rotation direction of the motor (21) between brake applications or after groups of brake applications for the same rotation direction.

6. (Currently Amended) Method according to claim 1, characterized in that the measurement is performed during a movement of the motor ~~(21)~~, which is assisted by an optionally present gravitational moment.

7. (Currently Amended) Method according to claim 1, characterized in that the motor and/or brake temperature ~~(T_{br})~~ is measured and used for correcting the determined brake torque ~~(M_{br})~~.

8. (Currently Amended) Method according to claim 1, characterized in that the ~~measuring~~ measured data ~~$(N_{act}, I_{des}, I_{act}, T_{br}/U_{br}, M_{br})$~~ are recorded.

9. (Currently Amended) Method according to claim 1, characterized in that the ~~measuring~~ measured data ~~$(N_{act}, I_{des}, I_{act}, T_{br}/U_{br}, M_{br})$~~ are displayed.

10. (Currently Amended) Method according to claim 1, characterized in that the ~~measuring~~ measured data ~~$(N_{act}, I_{des}, I_{act}, T_{br}/U_{br}, M_{br})$~~ are printed out.

11. (Currently Amended) Method according to claim 1, characterized in that the ~~measuring~~ measured data ~~$(N_{act}, I_{des}, I_{act}, T_{br}/U_{br}, M_{br})$~~ of different measuring sequences are automatically compared.